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|---|--|---|--|--|
|   | Application Number   | 10/806,009  |  |  |
| TRANSMITTAL   | Filing Date  | March 22, 2004  |  |  |
| FORM  | First Named Inventor   | Graham A. Gaston et al.   |  |  |
| (to be used for all correspondence after initial filing)  | Art Unit   | 3663; Confirmation No.: 1214  |  |  |
|   | Examiner Name  | N/A   |  |  |
| Total Number of Pages in This Submission 7  | Attorney Docket Number   | 414-35351-US  |  |  |
| ENCLOSURES (Check all that apply)   |  |   |  |  |
| Fee Transmittal Form Fee Attached  Amendment/Reply After Final Affidavits/declaration(s)  Extension of Time Request Express Abandonment Request   | Drawing(s)  Licensing-related Papers  Petition  Petition to Convert to a  Provisional Application  Power of Attorney, Revocation  Change of Correspondence Addr  Terminal Disclaimer  Request for Refund | After Allowance communication to Group  Appeal Communication to Board of Appeals and Interferences Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)  Proprietary Information  Status Letter Other Enclosure(s) (please Identify below):  Postcard; five (5) sheets of formal drawings (Fig. 1-5) |  |  |
| Certified Copy of Priority Document(s)  Response to Missing Parts/ Incomplete Application  Response to Missing Parts under 37 CFR 1.52 or 1.53  | dit any overpayments to Dep  | athorized to charge any additional fees or cosit Account No. 02-0429 (414-35351-US)   |  |  |
|   | OF APPLICANT, ATTORN   | EY, OR AGENT  |  |  |
| Firm or Individual name David A. Walker, Reg. No. 52,334  Signature Date June 17, 2004  |  |   |  |  |
| CERTIFICATE OF TRANSMISSION/MAILING   |  |   |  |  |
| I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. |  |   |  |  |
| Typed or printed name  Beth Pearson-Naul  |  |   |  |  |
| Signature   | Jean N   | Date June 17, 2004  |  |  |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| AU                               |                             |   |                            |
|----------------------------------|-----------------------------|---|----------------------------|
| Applicant:                       | Graham A. Gaston et al.     | § |                            |
|                                  |                             | § | Group Art Unit: 3663       |
| Serial No.:                      | 10/806,009                  | § | ·                          |
|                                  |                             | § | Examiner: N/A              |
| Filed:                           | March 22, 2004              | § |                            |
|                                  |                             | § | Atty. Docket: 414-35351-US |
| Title: "Use                      | of Pattern Recognition in a | § |                            |
| Measurement of Formation Transit |                             | § | Confirmation No.: 1214     |
| Time                             | for Seismic Checkshots"     | § |                            |

Mail Stop: PGPUB DRAWINGS Commissioner for Patents P. O. Box 1450 Alexandria, Virginia 22313-1450

## SUBMISSION OF FORMAL DRAWINGS

Enclosed is one set of formal drawings consisting of five (5) sheets containing Figures 1 through 5 for the above-referenced patent application.

The Commissioner is hereby authorized to charge any additional fees or credit any overpayment to Deposit Account No. 02-0429 (414-35351-US).

Respectfully submitted,

Date: June 17, 2004

David A. Walker

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## **CERTIFICATE OF MAILING**

I hereby certify that this paper, along with any referred to as being attached or enclosed, is being forwarded to MS PGPub Drawings, Commissioner for Patents, P. O. Box 1450, Alexandria, Virginia 22313-1450, via the United States Postal Service, First Class Mail, prepaid, on the 17th day of June, 2004.

Beth Pearson-Naul